FIG. 1

Processor 2a

A — B C

Memory 3a

4a — Operating System

Data Base 5

C B Processor 2b

A

Memory 3b — 4b

Operating System

1

10

Interface Base

30 Software Tool

15

18

41

12 Document Generator 40

11

13

Designer — Console

C — Software Tool — 14 — Generator — Command Module — Console — User

14a — 14b

C 17 20 Command Interface 16 U

FIG. 1

File	Documents	...	...	Preferences		Help
	Open... Search			Display Display history		
	Save the class Save the class as...			Save Save as...		
	Close the class			Close		

42

FIG. 13

20
22

File	...	Classes	...	Search	...	Objects	...	Export to U	Help

New class	New class object
New inherited class	Clone an object
Open a class	Open an object
Delete a class	Delete an object
Save the class	Save the object
Save the class as...	Save the object as...
Close the class	Close the object

21

FIG. 2

Name of the class [Class1]   Identification of the class [Text field]

Description of the class [Text area]

Attributes of the class | List of attributes

Attribute1

| Modify the attribute |
| Delete the attribute |
| Add an attribute |

Methods of the class | List of Methods

Method1

| Modify the method |
| Delete the method |
| Add a method |

Class [1]

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FIG. 3

20

Name of the attribute | Text field

Description of the attribute

Text area

Possible values of the attribute

Text area

Type of the attribute | Text field | Default value of the attribute | Text field

Real value of the attribute | Text field

24

FIG. 4

20

Name of the method | Text field | Return type of the method | Text field

Description of the method | Parameters of the method | Add

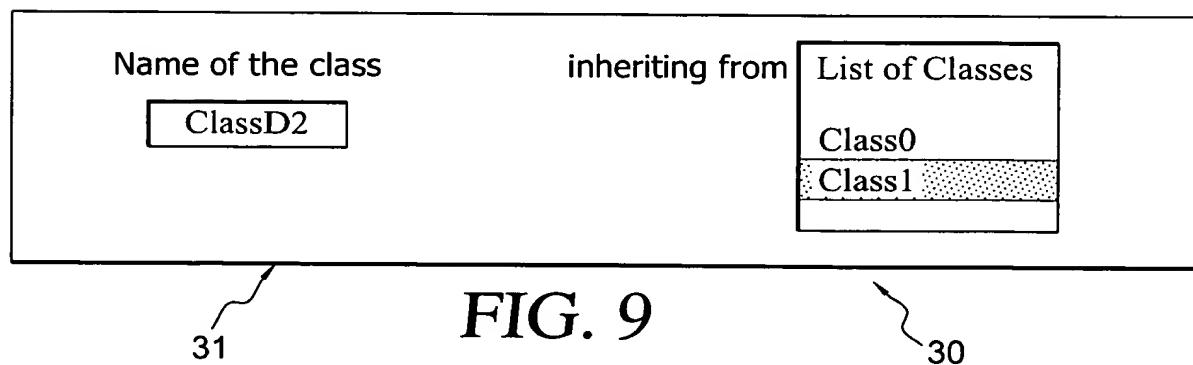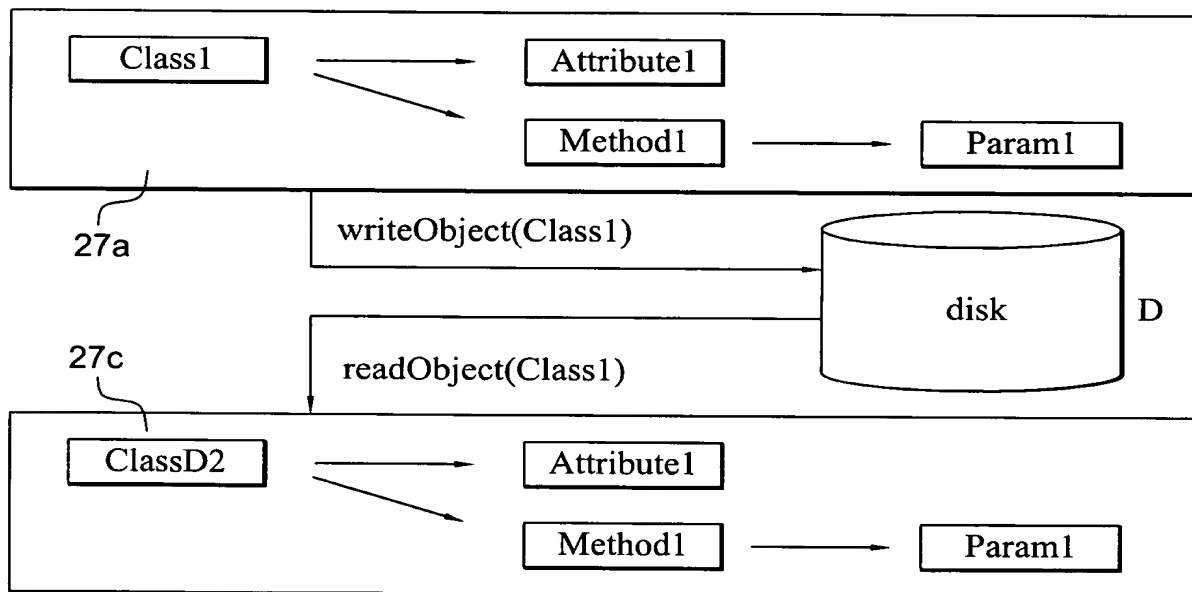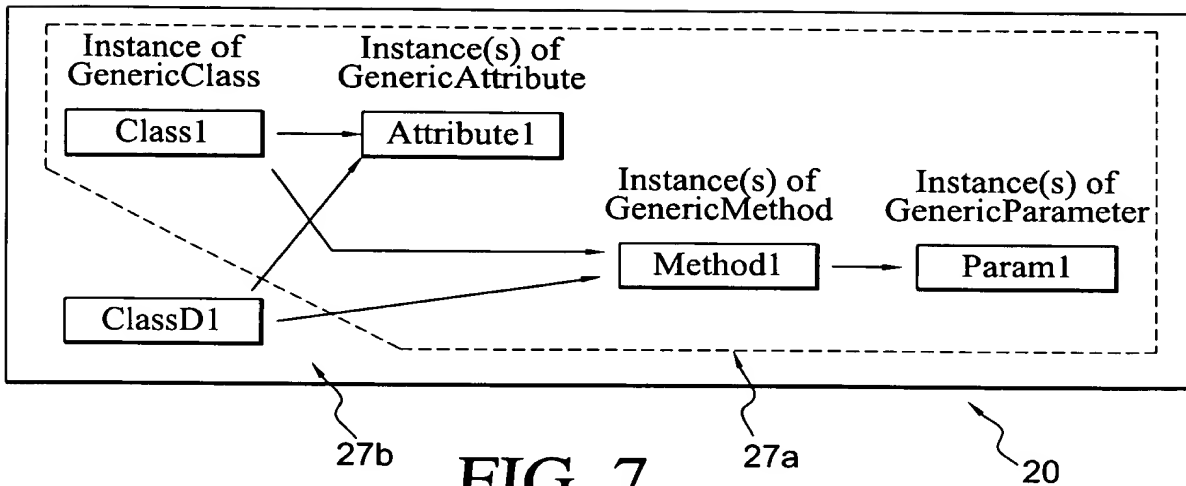Text area | Text area | Modify

Delete

25

FIG. 5

20

Name of the parameter | Text field

Description of the parameter

Text area

Possible values of the parameter

Text area

Type of the parameter | Text field | Default value of the parameter | Text field

Real value of the parameter | Text field

26

FIG. 6

20

Instance of GenericClass
Instance(s) of GenericAttribute

Class1 → Attribute1

Instance(s) of GenericMethod
Instance(s) of GenericParameter

Method1 → Param1

ClassD1

27b

FIG. 7

27a

20

Class1 → Attribute1

Method1 → Param1

27a

writeObject(Class1)

disk   D

27c

readObject(Class1)

ClassD2 → Attribute1

Method1 → Param1

FIG. 8

Name of the class   inheriting from   List of Classes

ClassD2

Class0

Class1

FIG. 9

31

30

Name of the class [ClassD2]   Identification of the class [   ]

Description of the class [   ]   Parent of the class [Class1]

Attributes of the class [Attribute1]   [Modify the attribute]
[Delete the attribute]
[Add an attribute]

Methods of the class [Method1]   [Modify the method]
[Delete the method]
[Add a method]

Class [1]

FIG. 10

32   30

List of all students having an age lower than [26] ,studying in [Paris] and having taken out a loan of more than [6000 francs].

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18a   *FIG. 11*

At 10:30 on 02/05/1998   Immediate execution   After execution of the method "Method3" of the object "Object6"

Print letters to:

List of all students having an age lower than [26] ,studying in [Paris] and having taken out a loan of more than [6000 francs].

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Type of letter: Birthday Invitation

18b   *FIG. 12*   41